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State of New Mexico TERNAL AFFAIRS BIVISION

Office of the Governor

Bill Richardson Governor

 December 1, 2010
 6RA. C.P.T. 6EN.

 6DRA. C.P.T. 6WQ.
 6MD.

Dr. Alfredo Armendariz Regional Administrator (6-A) U.S. Environmental Protection Agency, Region 6 1445 Ross Avenue, Suite 1200 Dallas, TX 75202-2733

Dear Dr. Armendariz,

This letter is submitted to fulfill New Mexico's requirements under Section 107 (d)(1) of the Clean Air Act. The Clean Air Act requires all state governors to submit initial designations within one year of the promulgation of a new or revised National Ambient Air Quality Standard (NAAQS). The U.S. Environmental Protection Agency promulgated in January 2010 a revised NAAQS for nitrogen dioxide (NO₂).

The New Mexico Environment Department (NMED) evaluated 2007 through 2009 ambient monitoring data with respect to the revised NO₂ NAAQS, and finds that all areas of New Mexico, within the jurisdiction of NMED, are in compliance. I recommend attainment status for the revised NO₂ NAAQS for all areas of New Mexico within the jurisdiction of NMED.

Sincerely,

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Bill Richardson

Governor of New Mexico

cc: Mr. Ron Curry, Secretary, New Mexico Environment Department

Ms. Mary Uhl, Bureau Chief, Air Quality Bureau

Mr. Jim Norton, Acting Division Director, Environmental Protection Division

Ms. Mary Lou Leonard, Director, Environmental Health Department, City of

Albuquerque

BR/pp

Justification for Attainment Designations in New Mexico for Nitrogen Dioxide National Ambient Air Quality Standard

The State of New Mexico believes that there is sufficient monitoring data presently available to designate all counties with nitrogen dioxide (NO₂) monitors under the New Mexico Environment Department's (NMED) jurisdiction as attainment rather than unclassifiable for the 1-hour NO₂ National Ambient Air Quality Standard (NAAQS). Based on the current NO₂ monitoring network (Table 1) for the state and the core base statistical area (CBSA) populations (Table 2) under NMED's jurisdiction, NMED finds that no additional monitors will be required for tier-one (near-road) or tier-two (area-wide) monitoring at this time. The current monitoring network in New Mexico (Map A) includes monitors located in areas of the state with the maximum expected NO₂ concentrations based on locations of sources of NO₂. These monitored areas include the northwestern (Map B) and southeastern (Map C) regions of the state where the major sources of NO₂ emissions are located.

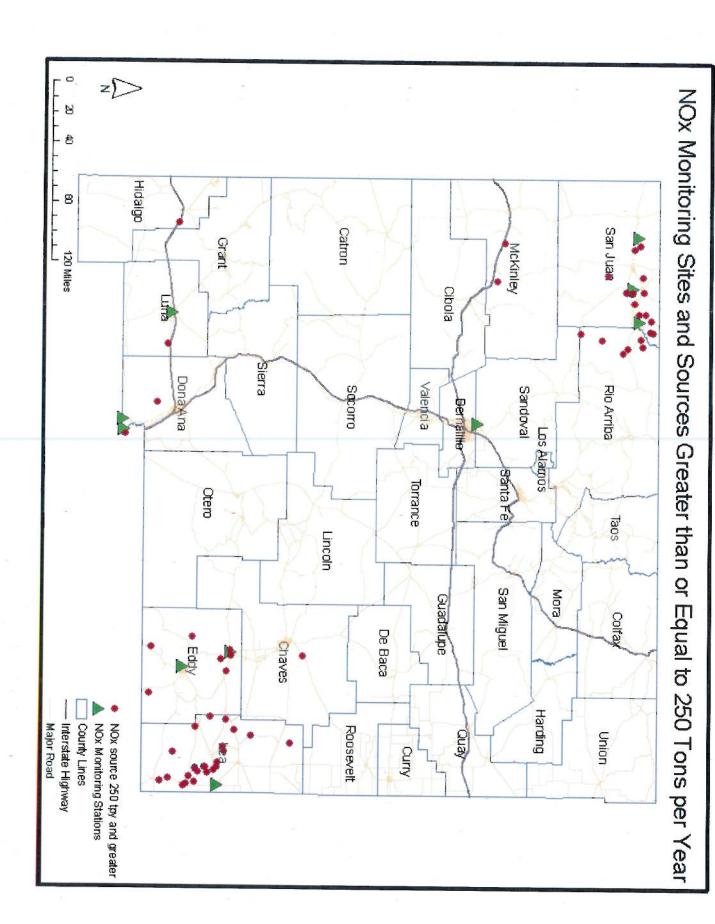
Due to lack of additional required monitoring for near-road and area-wide sources and the fact that all of the current monitors within the state's network are in compliance with the 1-hour NO₂ NAAQS, all counties with NO₂ monitors in New Mexico under NMED's jurisdiction should be designated as attainment rather than unclassifiable.

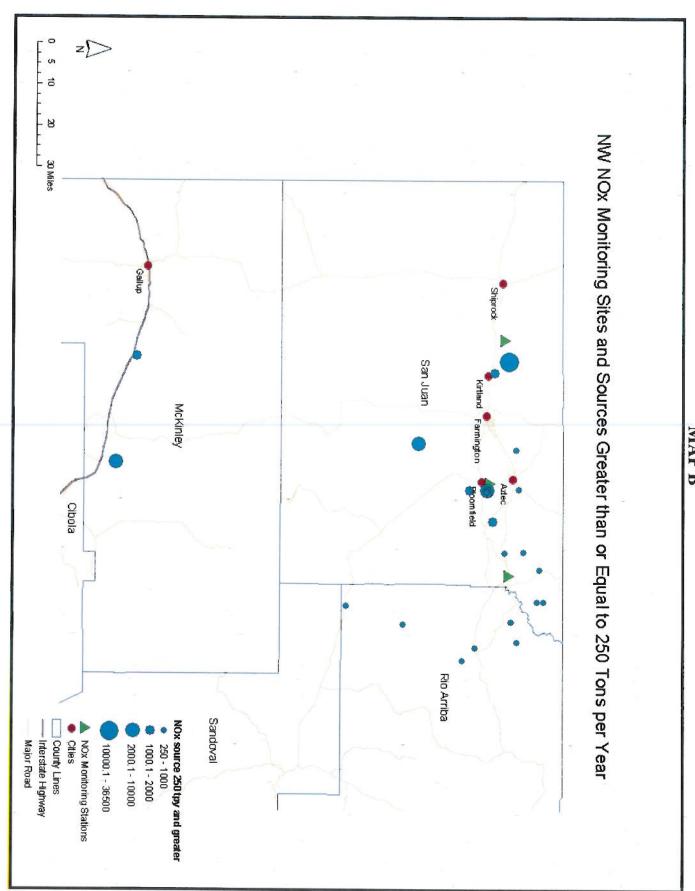
Table 1: NO₂ Monitoring Locations and Design Values

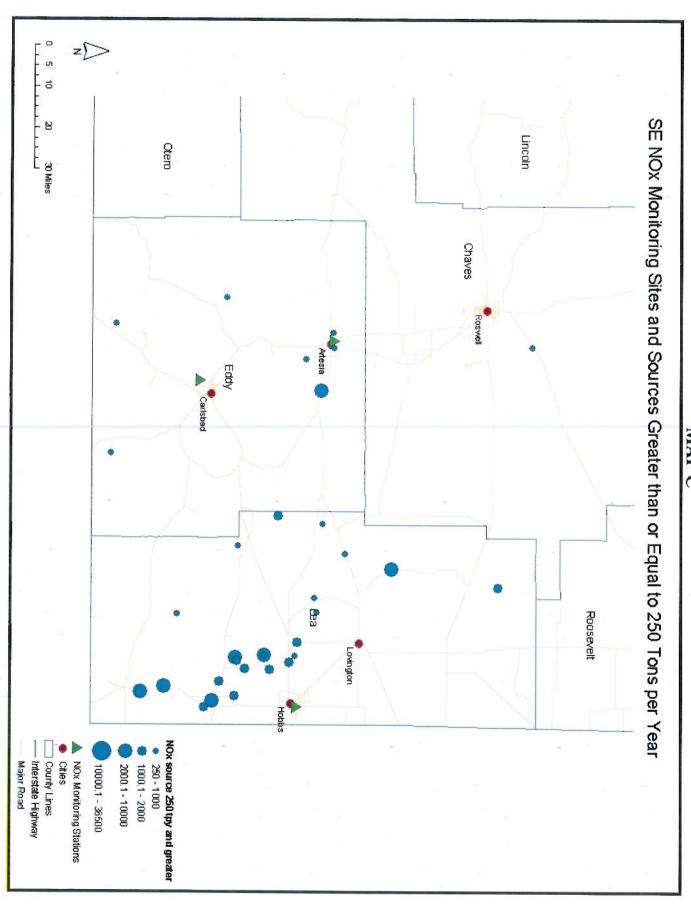
<u>Name</u>	AIRS Monitor ID	Monitoring Period	*Annual Design Value (ppb)
Waterflow, NM	35-045-1005	3/97-Present	38.0
Bloomfield, NM	35-045-0009	7/96-Present	41.6
Navajo Lake (San Juan County)	35-045-0018	11/05-Present	41.3
Rio Rancho, NM	35-043-1003	1/99-8/09	**42.6
Artesia, NM	35-049-0020	1/92-5/09	**29.3
Carlsbad, NM	35-015-1005	1/07-Present	22.0
Hobbs, NM	35-025-0008	8/04-Present	42.3
Sunland Park, NM	35-013-0021	2/96-Present	53.3
Santa Teresa, NM	35-013-0022	10/98-Present	42.6
Deming, NM	35-029-0003	7/06-Present	32.3

* 2007-2009 Monitoring Data

^{**} Do not have three complete years of data for 2007-2009







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